

SECRET/STD/SK/NOFORN

24 AUG 90

DT-5

SUN STREAK Report - 1 Jan 90 to 10 Aug 90 (U)

ODCSINT, DAMI-PO

(REPORT CONTAINS INITIAL AND FINAL INPUTS FOR MIB BRIEFING)

1. During the reporting period of 1 Jan 90 to 10 Aug 90, 104 operational projects were conducted; of these 32 (30.7%) were evaluated. Results are at TAB A.
2. During the reporting period 838 individual sessions were conducted. Quarterly percentile increases in production are indicated at TAB B.
3. Production by viewer is reflected at TAB C.
4. TAB D reflects the unit's ability to conduct search problems for the reporting period of 1 Jan 90 to 10 Aug 90.
5. TAB E reflects the unit's ability to operate against fixed targets in past and current time. Data base is inadequate to represent a reliable representation. See '88 and '89 for broader data base with indications of a 40% to 60% reliability.
6. Thirteen kudos are at TAB F and represent highlights of successful reporting.
7. Reasons for non-evaluation of projects are reflected at "TAB G."
8. Results of a diagnostic test initiated to evaluate known search methodologies was submitted by separate cover.
9. Two examples of viewer inter-operability are TAB H.
10. Examples of project summaries are at TAB I.

SG1J


Branch Chief

HANDLE VIA SKEET CHANNELS ONLY
STIPPLED INFORMATION

CLASS BY ODCSINT,DAMI-PO
DECLAS: OADR

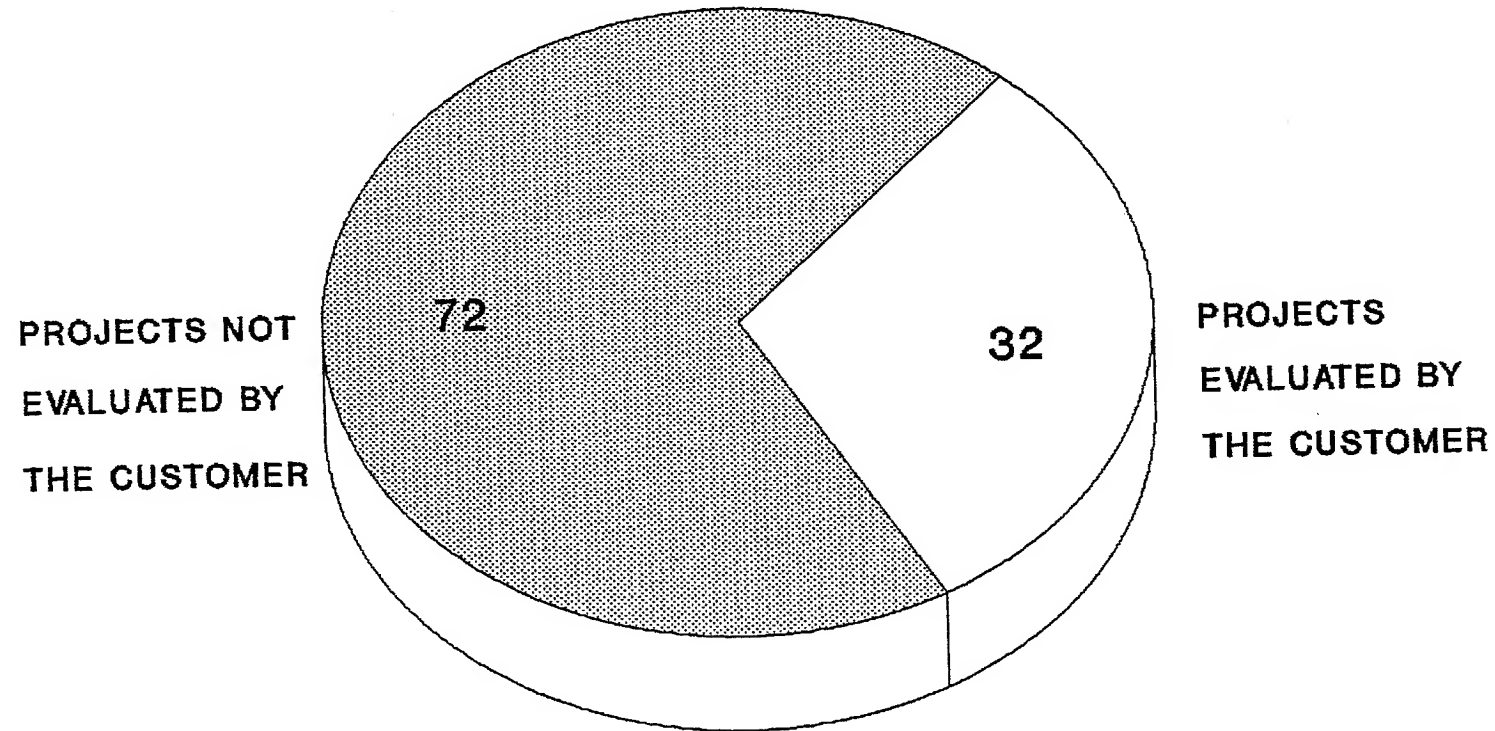
SECRET/STD/SK/NOFORN

TAB

OPERATIONAL PROJECTS

1 JAN 90 - 10 AUG 90

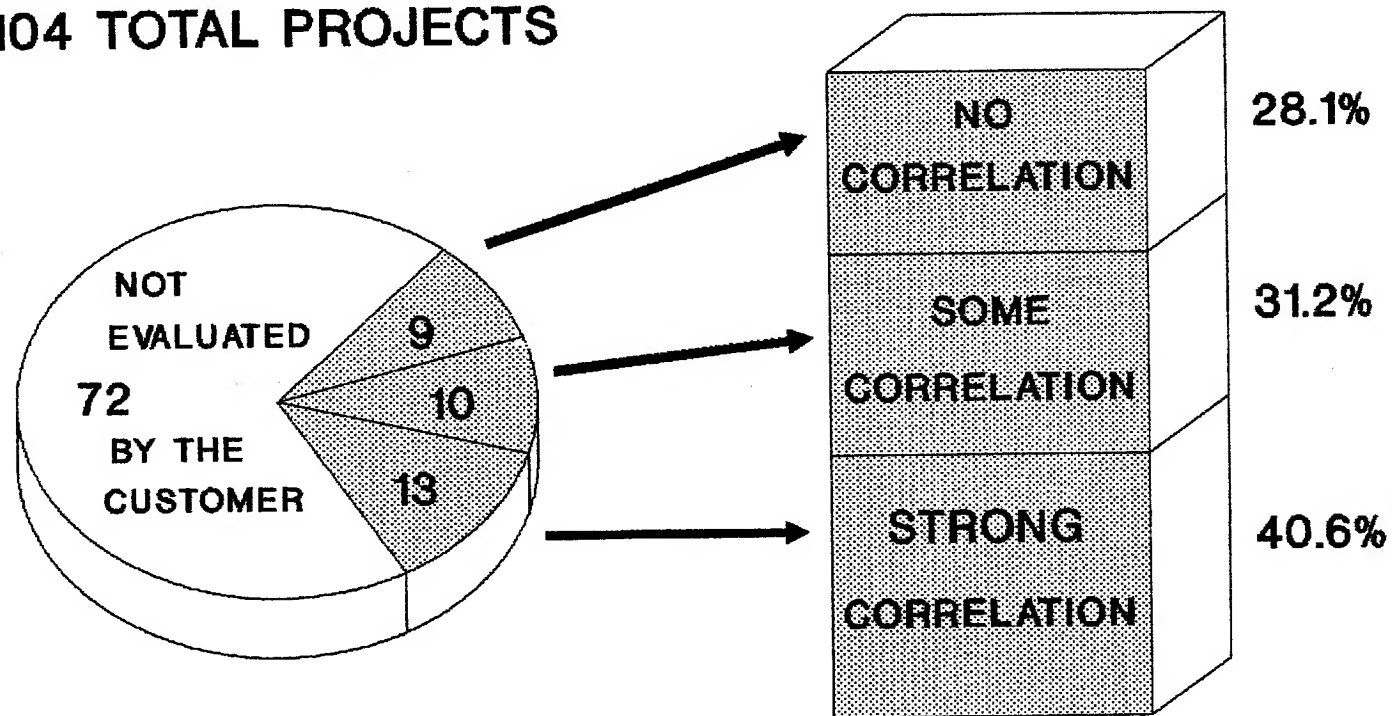
395 SESSIONS = 104 PROJECTS



OPERATIONAL PROJECTS

1 JAN 90 - 10 AUG 90

104 TOTAL PROJECTS

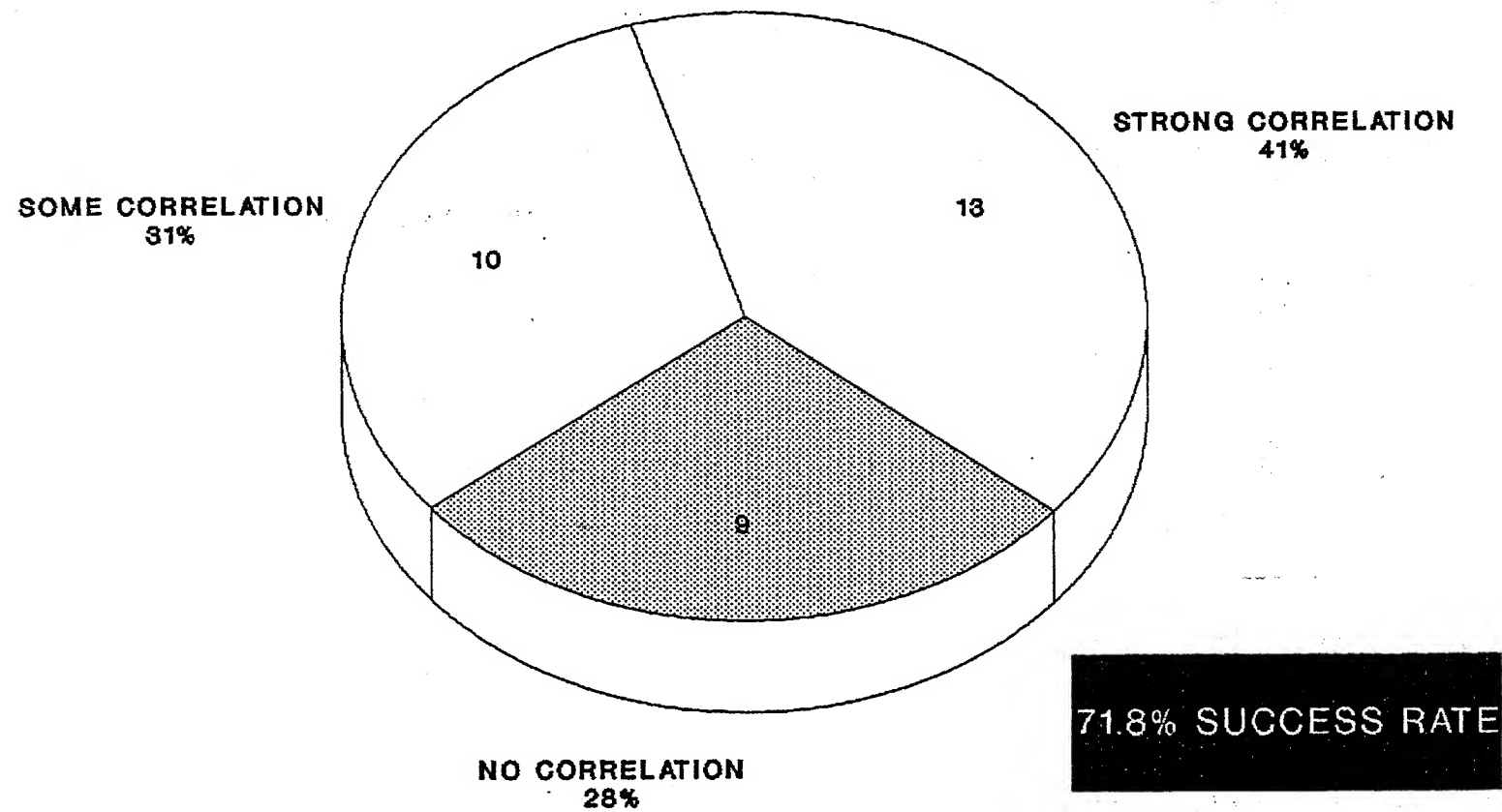


CORRELATION FACTORS OF THE 32
CUSTOMER-EVALUATED PROJECTS

OPERATIONAL PROJECTS

1 JAN 90 - 10 AUG 90

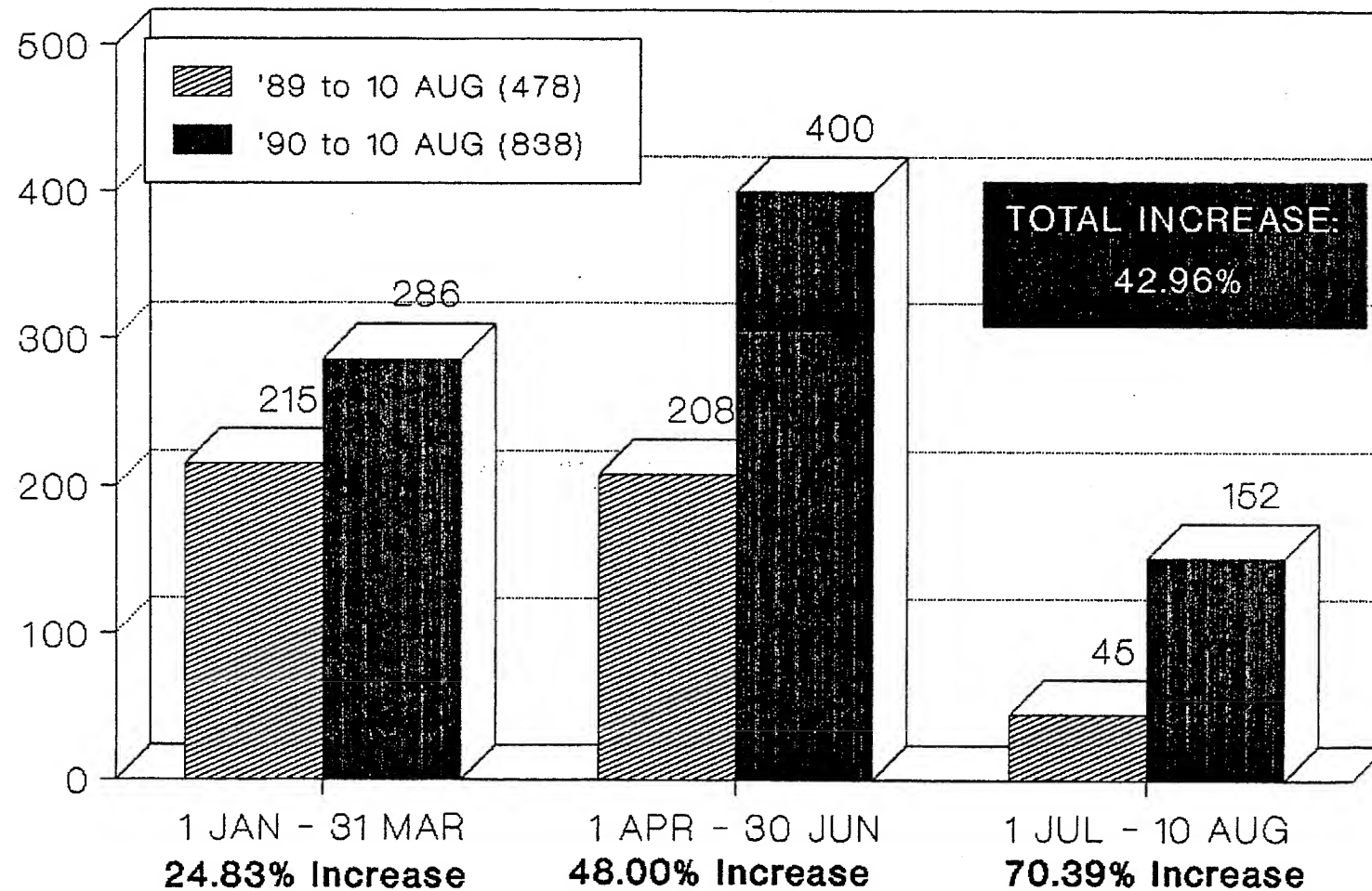
32 EVALUATED PROJECTS



TAB

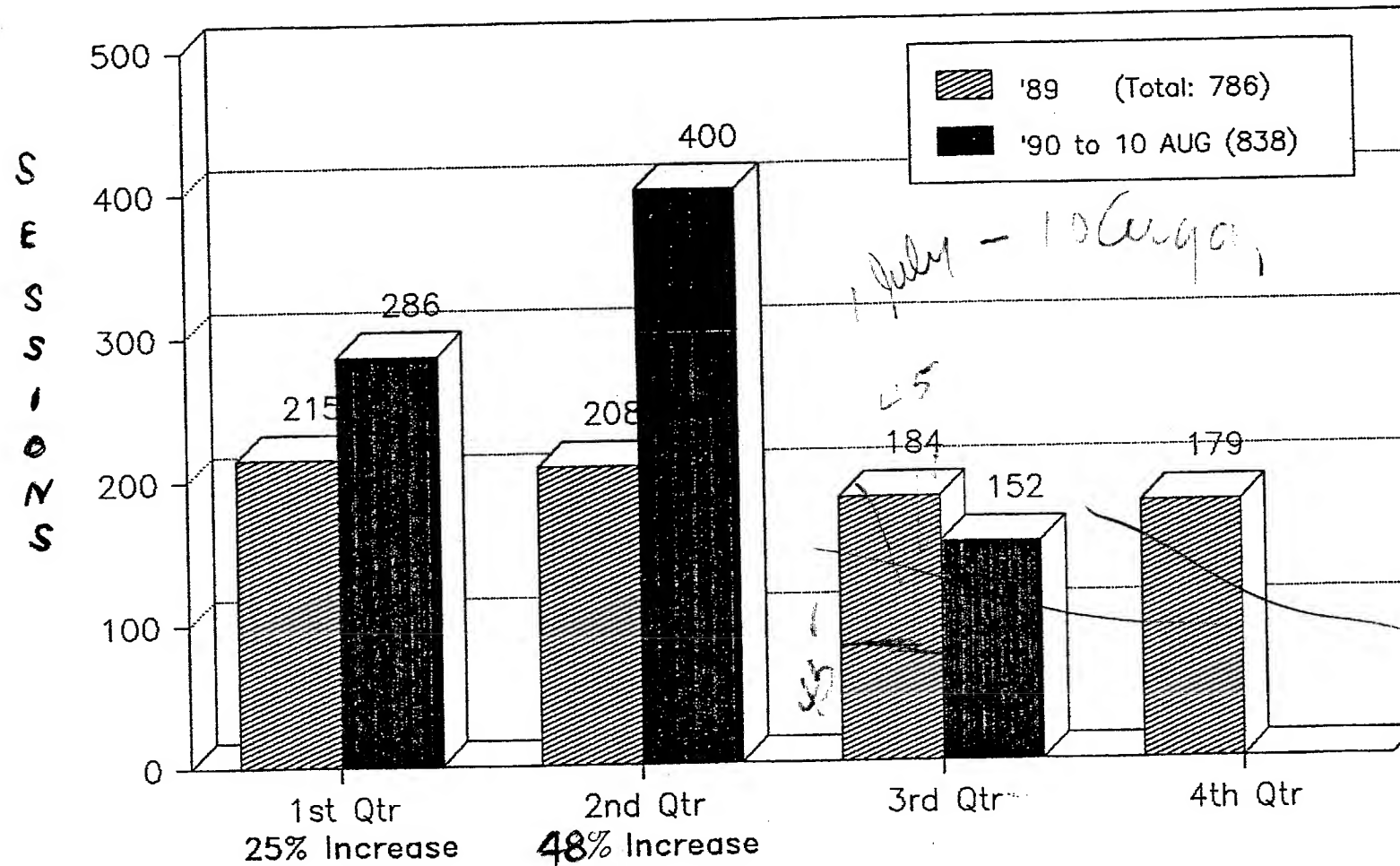
SUN STREAK

PRODUCTION INCREASE '89 TO '90



SUN STREAK

PRODUCTION '89 - '90



TAB

PRODUCTION REPORT - BY VIEWER

1 JAN 90 - 10 AUG 90

VIEWER	OPS SESSIONS	TNG SESSIONS	TOTAL SESSIONS
003	32	36	68
011	12	6	18
018	59	36	95
025	68	39	107
032	22	7	29
049	37	98	135
052	29	146	175
079	63	36	119
095	53	39	92
	<hr/> 395	<hr/> 443	<hr/> 838

TRAINING

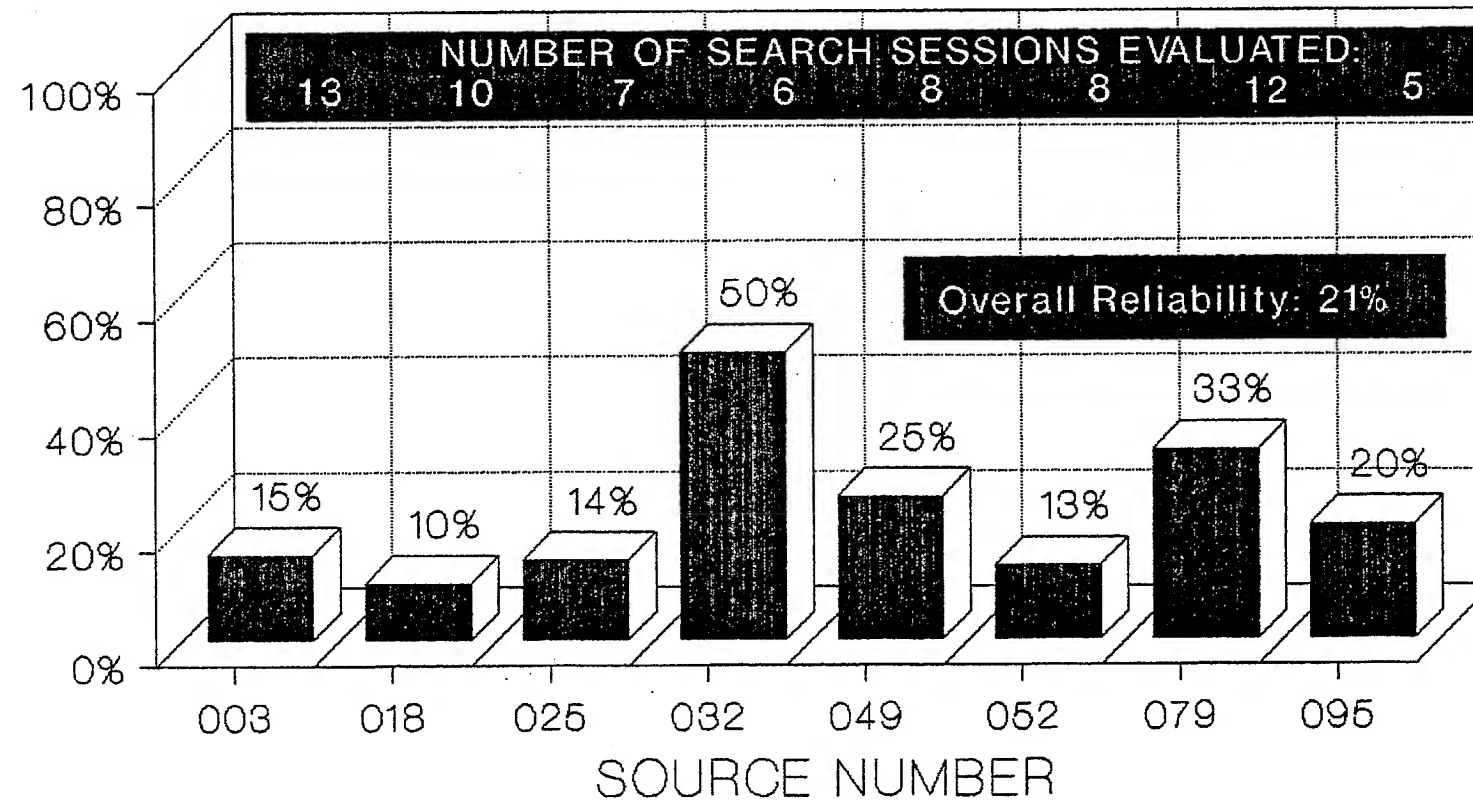
1 JAN 90 TO 10 AUG 90

VIEWER	BASIC TNG	NEW METHODOLOGY	ADVANCED TNG
003	0	35	1
011	0	0	6
018	0	35	1
025	0	35	4
032	0	0	7
049	63	35	0
052	111	35	0
079	0	35	1
095	0	35	4
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	174 (39.2%)	245 (55.3%)	24 (5.4%)

TAB

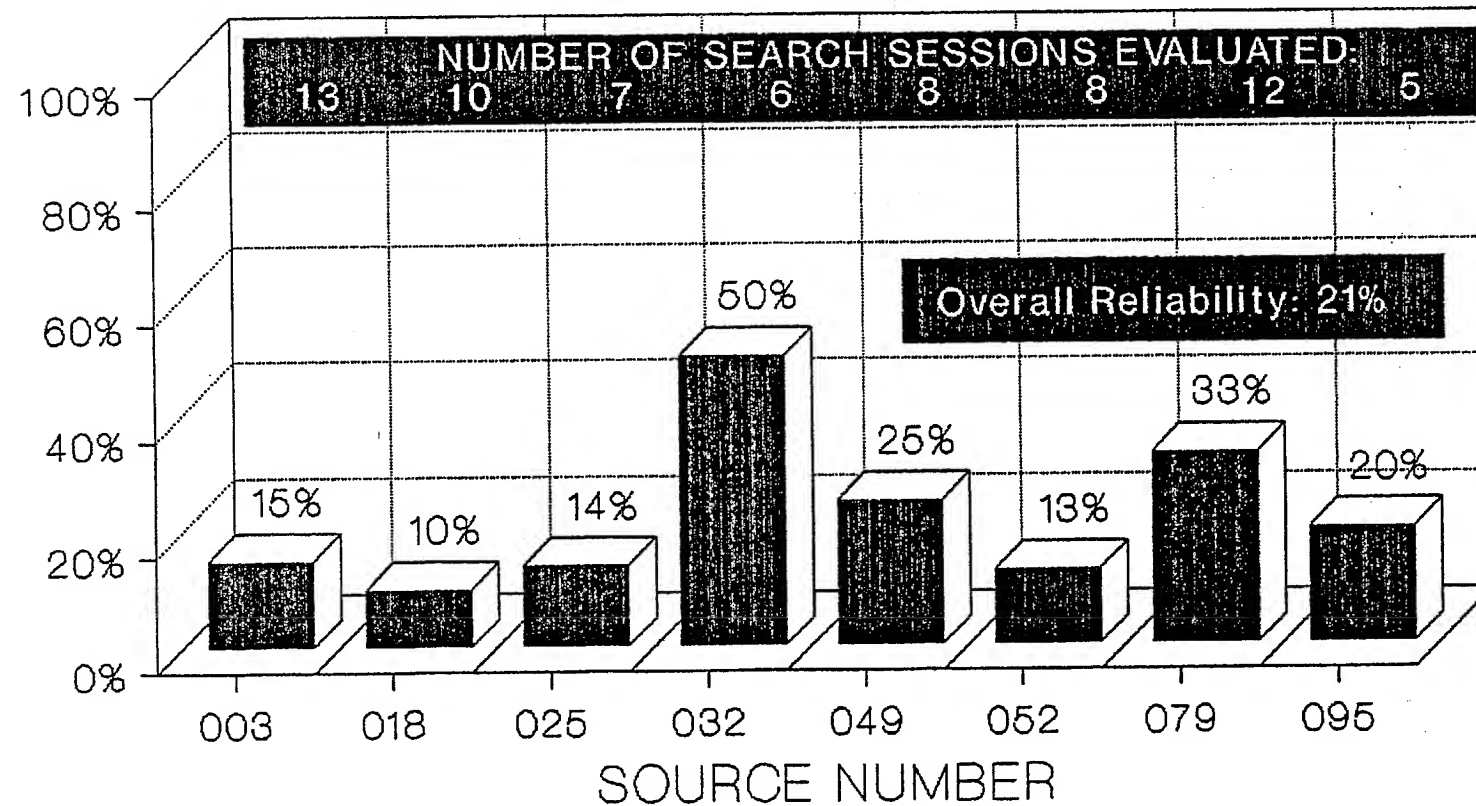
OPERATIONAL RELIABILITY BROAD AREA SEARCH

1 JAN 90 TO 10 AUG 90



OPERATIONAL RELIABILITY BROAD AREA SEARCH

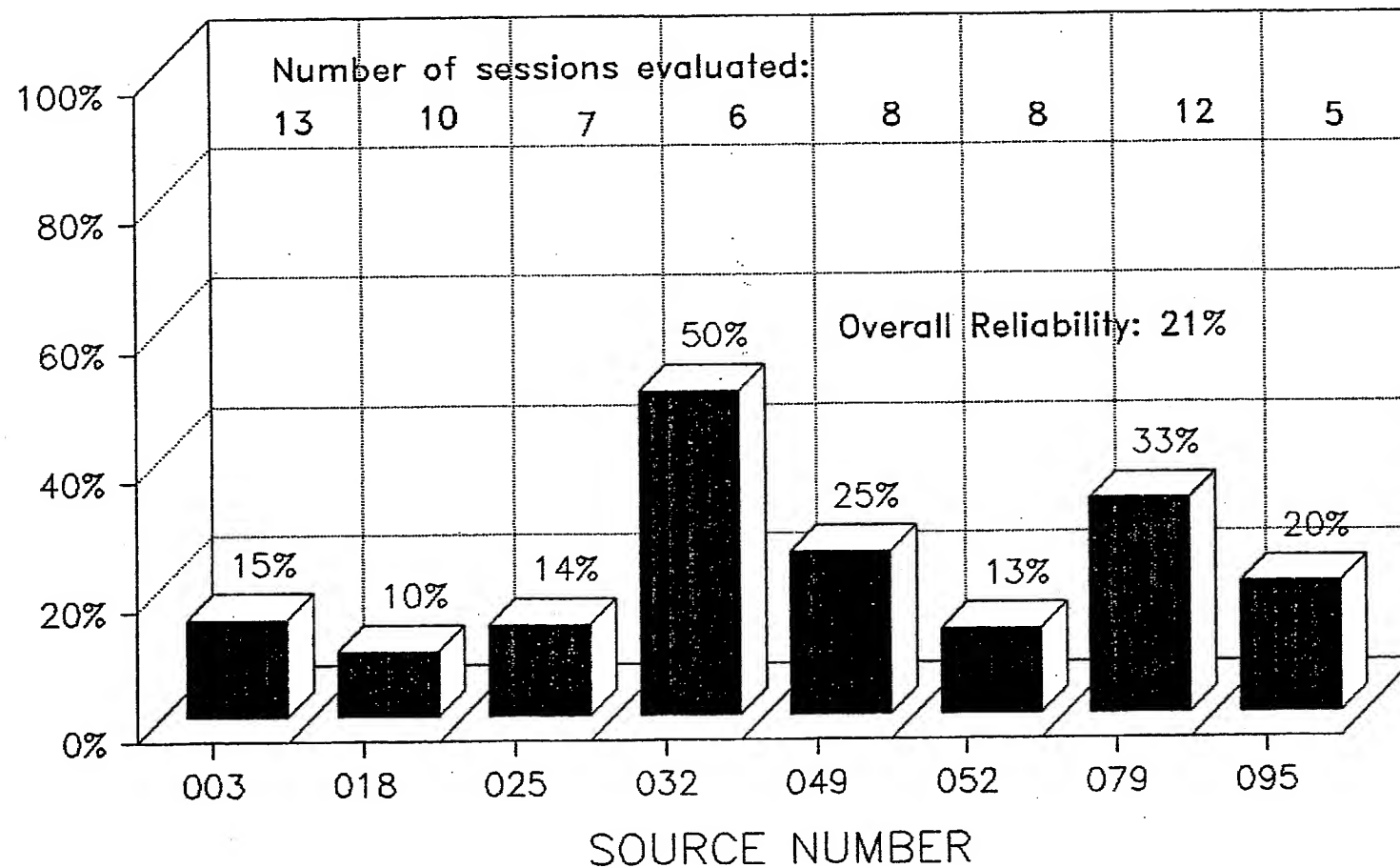
1 JAN 90 TO 10 AUG 90



OPERATIONAL SEARCH RELIABILITY

1 JAN 90 to 10 AUG 90

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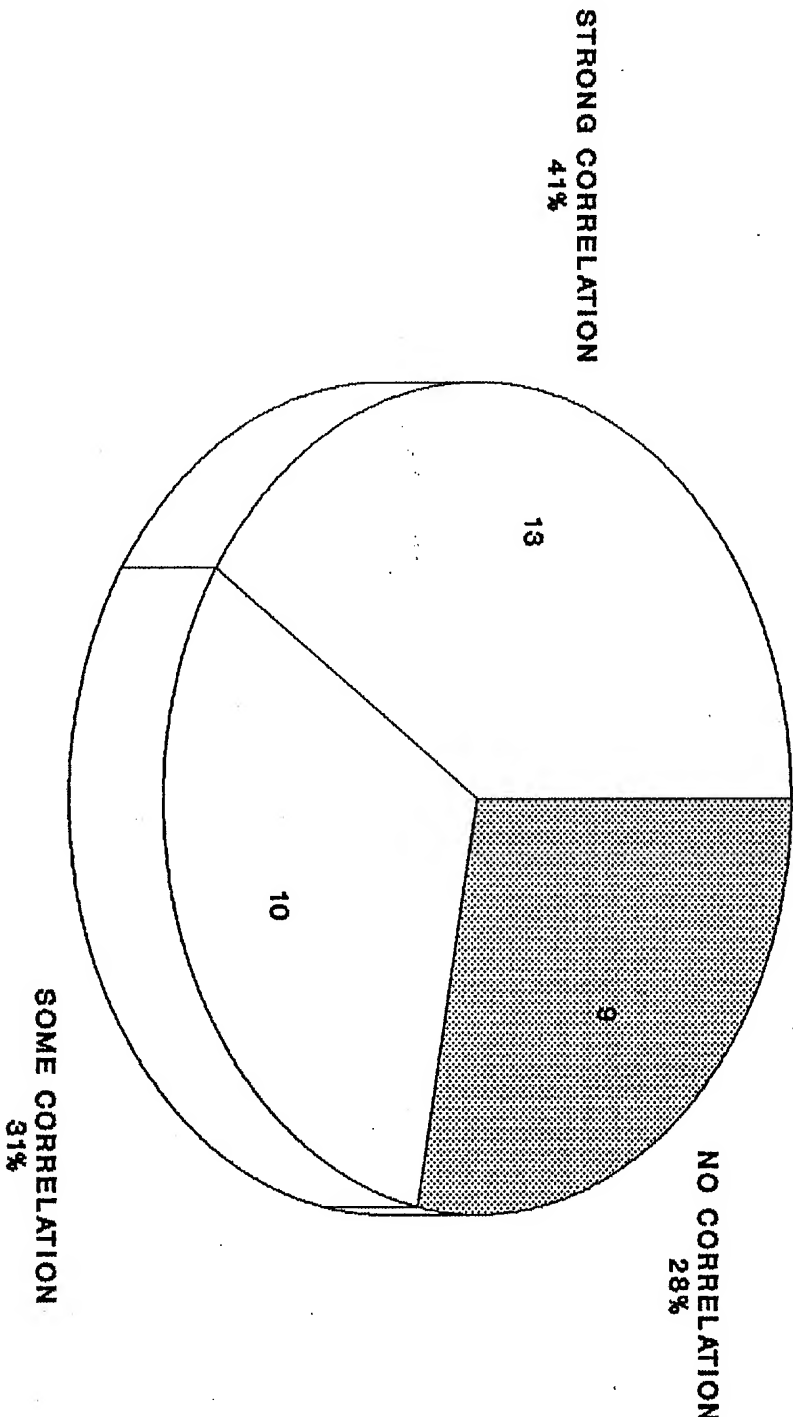


TAB

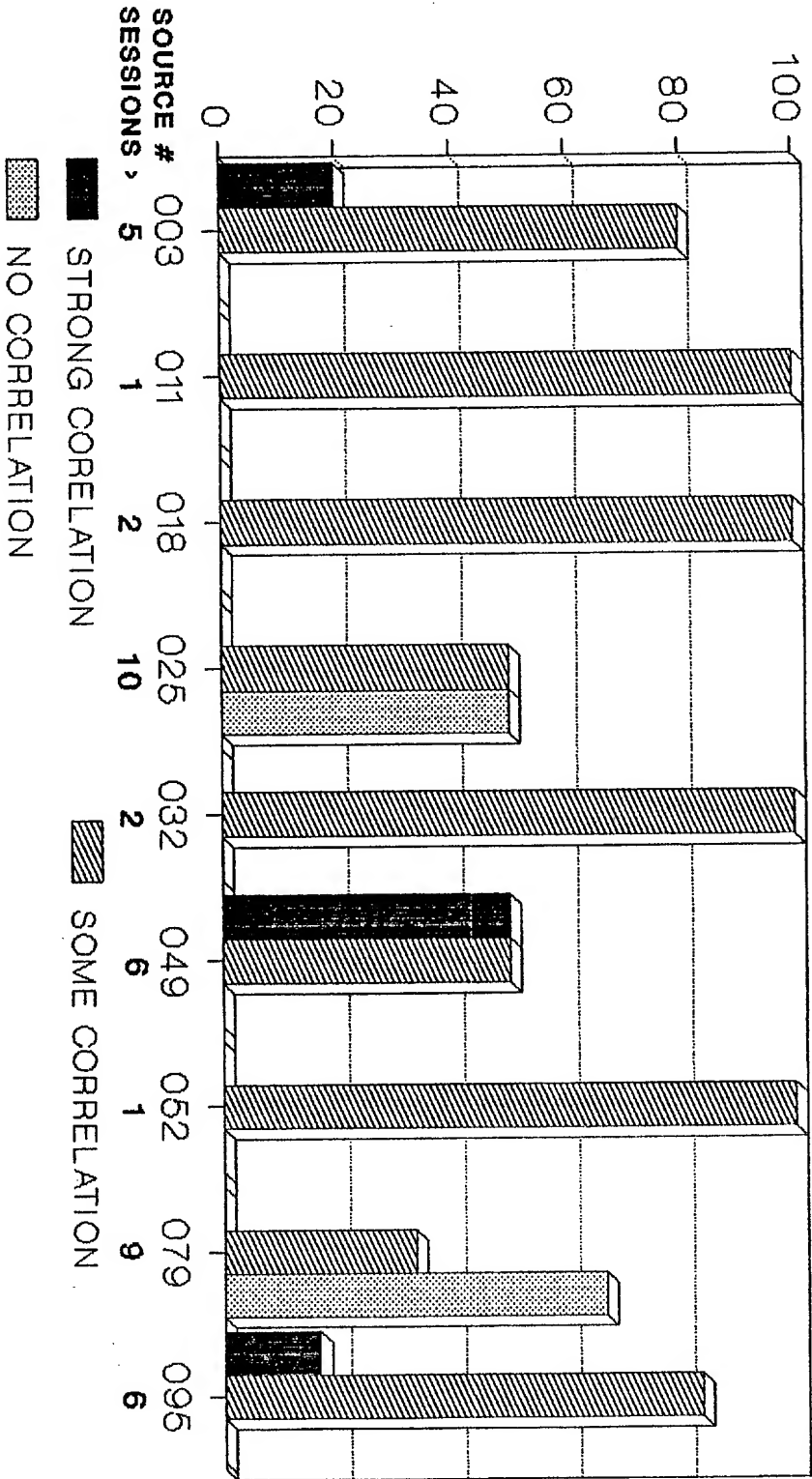
OPERATIONAL PROJECTS

1 JAN 90 - 10 AUG 90

32 EVALUATED PROJECTS



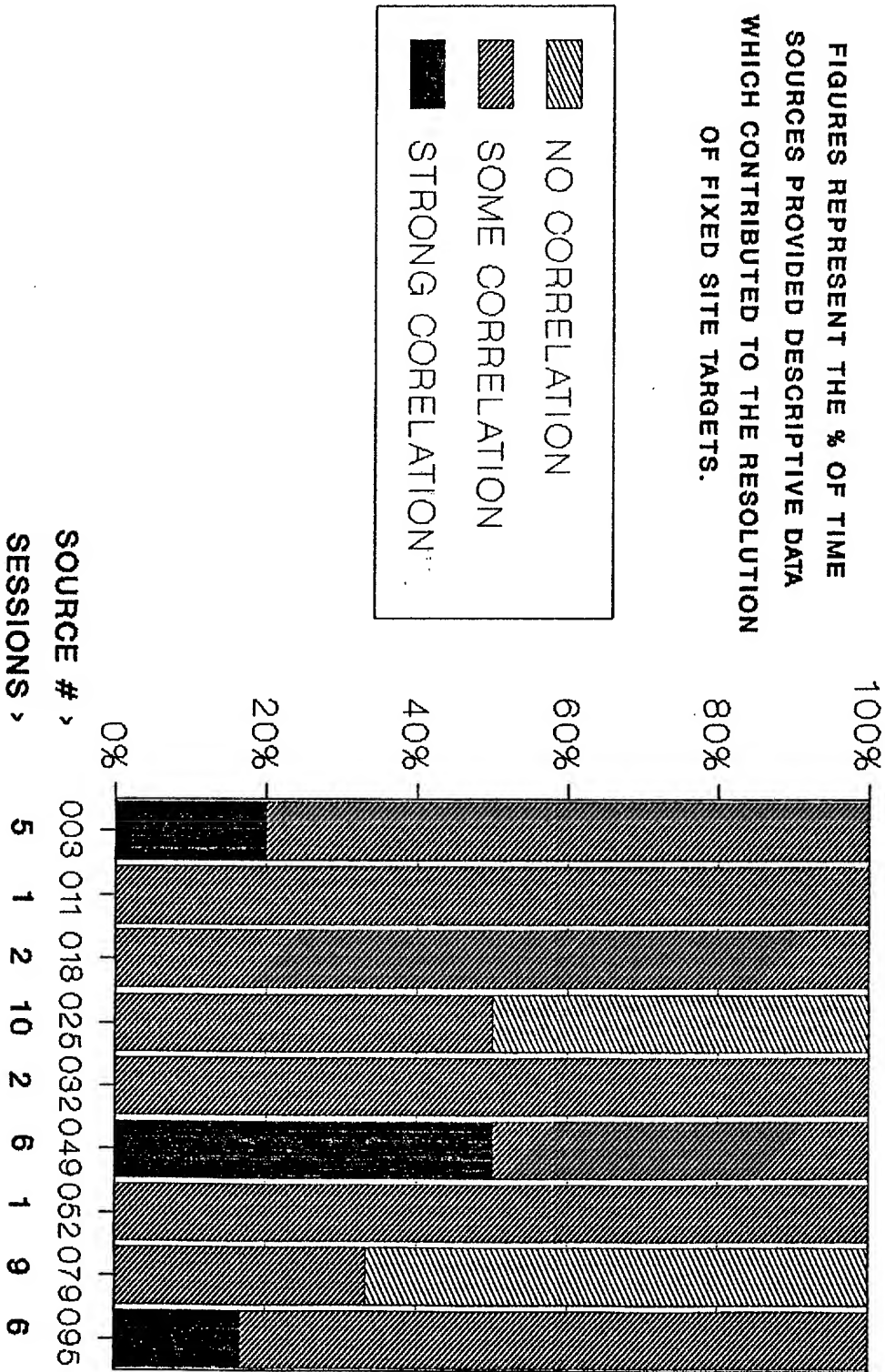
OPERATIONAL RELIABILITY FIXED TARGETS



FIGURES REPRESENT THE % OF TIME SOURCES PROVIDED DESCRIPTIVE DATA WHICH CONTRIBUTED TO THE RESOLUTION OF FIXED SITE TARGETS.

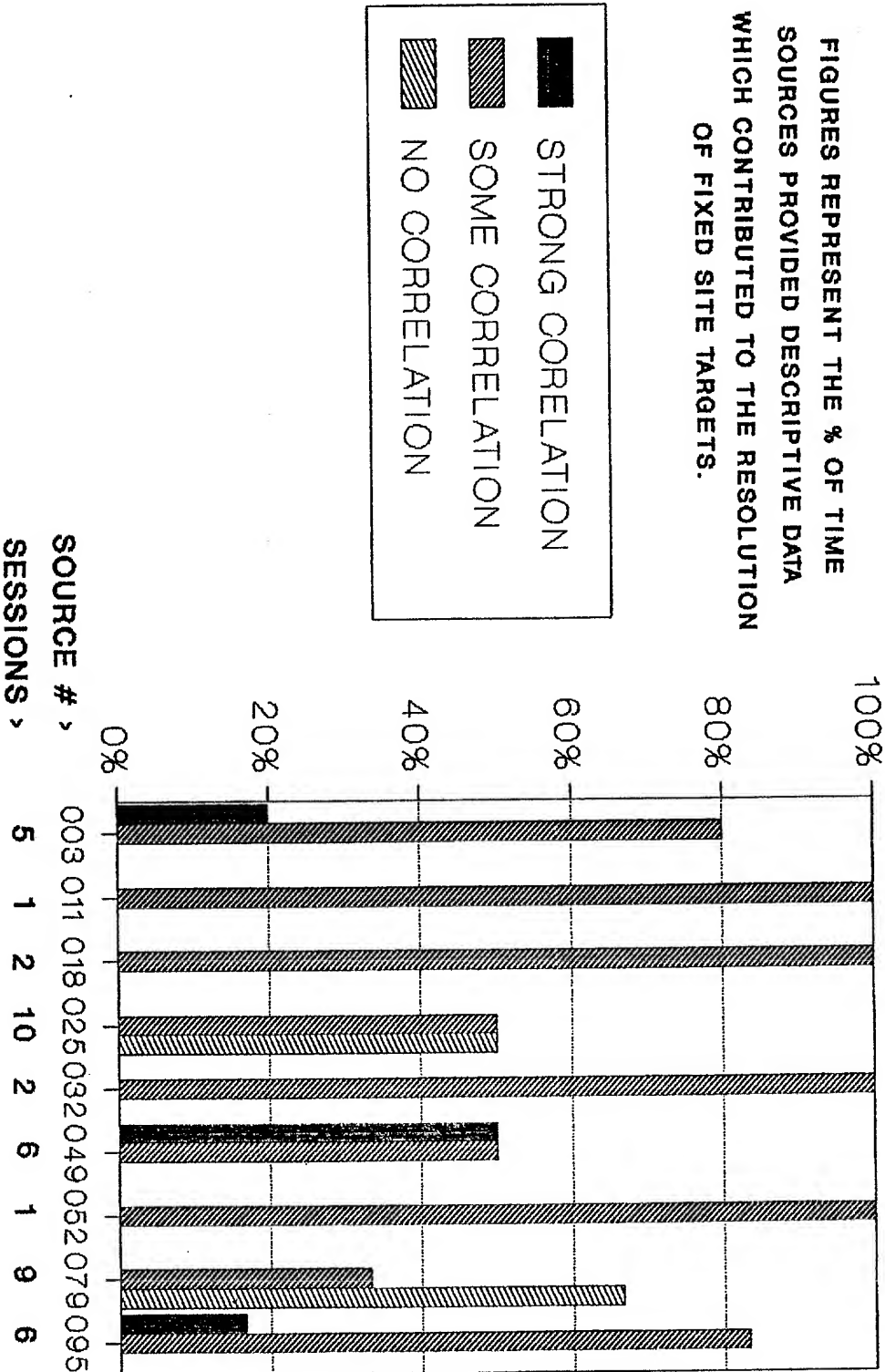
OPERATIONAL RELIABILITY FIXED TARGETS

FIGURES REPRESENT THE % OF TIME
SOURCES PROVIDED DESCRIPTIVE DATA
WHICH CONTRIBUTED TO THE RESOLUTION
OF FIXED SITE TARGETS.



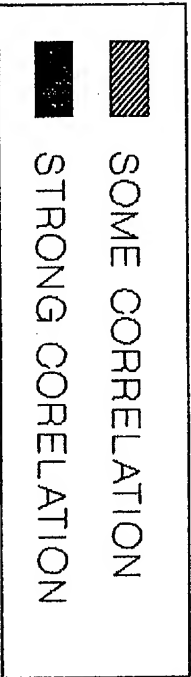
OPERATIONAL RELIABILITY FIXED TARGETS

FIGURES REPRESENT THE % OF TIME
SOURCES PROVIDED DESCRIPTIVE DATA
WHICH CONTRIBUTED TO THE RESOLUTION
OF FIXED SITE TARGETS.

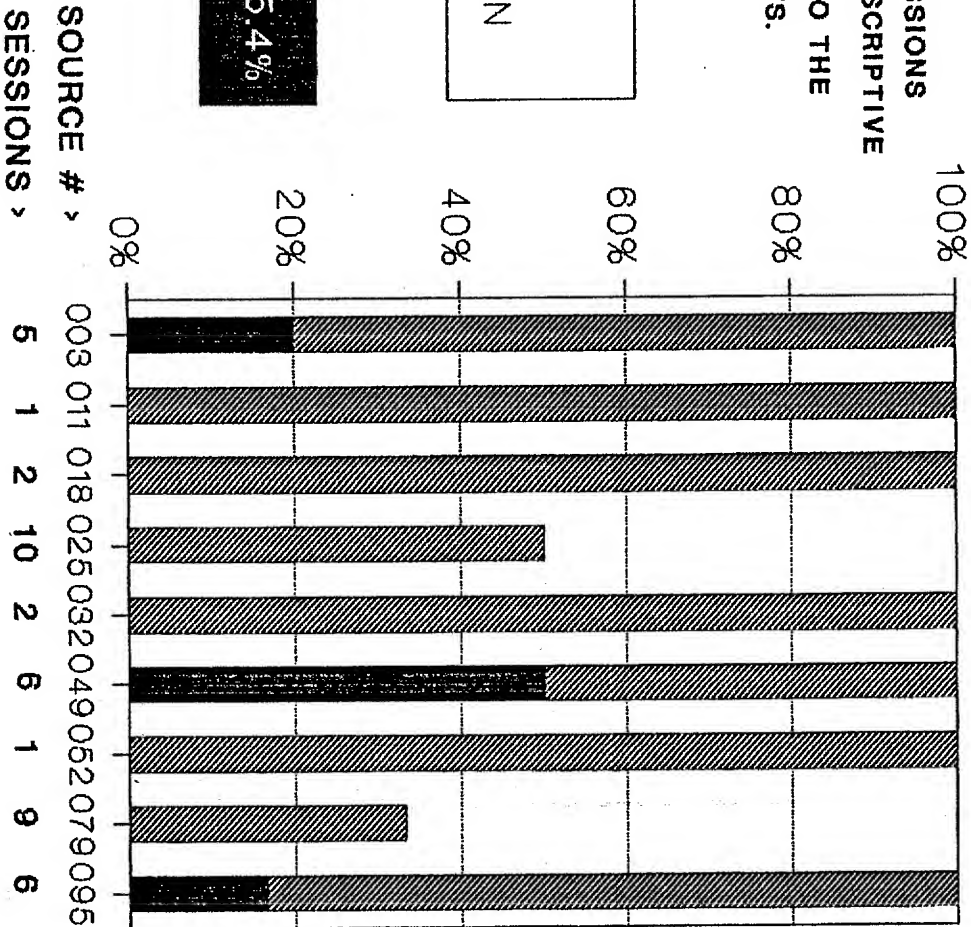


OPERATIONAL RELIABILITY FIXED TARGETS

FIGURES REPRESENT THE % OF SESSIONS
FOR WHICH SOURCES PROVIDED DESCRIPTIVE
INFORMATION THAT CONTRIBUTED TO THE
RESOLUTION OF FIXED SITE TARGETS.



OVERALL RELIABILITY = 65.4%



OPERATIONAL RELIABILITY

FIXED TARGETS

1 JAN 90 to 10 AUG 90

Strong Correlation	Some Correlation	No Correlation
4	22	9
42 sessions held	35 sessions evaluated	

Degree of Correlation to Ground Truth: 65.4%

Past Degree of Correlation: 40% – 60%

OPERATIONAL RELIABILITY

FIXED TARGETS

1 JAN 90 to 10 AUG 90

Strong Correlation	Some Correlation	No Correlation
4	22	9
42 sessions held	35 sessions evaluated	

Degree of Correlation to Ground Truth: 65.4%

Past Degree of Correlation: 40% – 60%

*Translate
to source
bar chart*

TAB

SG1A

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TAB

OPERATIONAL PROJECTS

1 JAN 90 - 10 AUG 90

THERE WERE 72 PROJECTS NOT EVALUATED BY THE CUSTOMER FOR THE FOLLOWING REASONS:

- * The customer lacked the resources.
- * Weather
- * Prioritization of leads
- * Prioritization of customer committments
- * Fleeting target
- * CEP too large to search

TAB

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TAB

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